

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/S21,053
Source: PCT
Date Processed by STIC: 1-25-05

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 01/25/2005

PATENT APPLICATION: US/10/521,053

TIME: 09:21:38

Input Set : A:\P1943R1 PCT Sequence Listing.txt

Output Set: N:\CRF4\01252005\J521053.raw

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3 <110> APPLICANT: PHILLIPS, HEIDI S.
5 <120> TITLE OF INVENTION: Compositions and Methods for the Diagnosis and
6   Treatment of Tumor
8 <130> FILE REFERENCE: P1943R1-PCT
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/521,053
C--> 11 <141> CURRENT FILING DATE: 2004-12-20
13 <150> PRIOR APPLICATION NUMBER: US 60/394,998
14 <151> PRIOR FILING DATE: 2002-07-09
16 <160> NUMBER OF SEQ ID NOS: 4
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 939
20 <212> TYPE: DNA
21 <213> ORGANISM: Homo sapiens
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26  tctttctggc  ctggaggcta  tccagcgta  tccaaagatt  caggtttact  100
28  cacgtcatcc  agcagagaat  ggaaagtcaa  atttcttgaa  ttgctatgtg  150
30  tctgggtttc  atccatccga  cattgaagtt  gacttactga  agaattggaga  200
32  gagaattgaa  aaagtggagc  attcagactt  gtctttcagc  aaggactggg  250
34  ctttctatct  cttgtactac  actgaattca  cccccactga  aaaagatgag  300
36  tatgcctgcc  gtgtgaacca  tgtgactttg  tcacagccca  agatagttaa  350
38  gtgggatcga  gacatgtaag  cagcatcatg  gaggtttgaa  gatgccgcat  400
40  ttggattgga  tgaattccaa  attctgcttg  cttgcttttt  aatattgata  450
42  tgcttatata  cttacacttt  atgcacaaaa  tgtagggtta  taataatgtt  500
44  aacatggaca  tgatcttctt  tataattcta  ctttgagtgc  tgtctccatg  550
46  tttgatgtat  ctgagcaggt  tgctccacag  gtagctctag  gagggctggc  600
48  aacttagagg  tggggagcag  agaattctct  tatccaacat  caacatcttg  650
50  gtcagatttg  aactcttcaa  tctcttgcac  tcaaagcttg  ttaagatagt  700
52  taagcgtgca  taagttaact  tccaatttac  atactctgct  tagaatttgg  750
54  gggaaaattt  agaaatataa  ttgacaggat  tattggaaat  ttgttataat  800
56  gaatgaaaca  ttttgtcata  taagattcat  atttacttct  tatacatttg  850
58  ataaagtaag  gcatggttgt  ggttaatctg  gtttattttt  gttccacaag  900
60  ttaaataaat  cataaaactt  gaaaaaaaa  aaaaaaaaa  939
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63 <211> LENGTH: 119
64 <212> TYPE: PRT
65 <213> ORGANISM: Homo sapiens
67 <400> SEQUENCE: 2
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69    1             5             10             15
71  Ser Gly Leu Glu Ala Ile Gln Arg Thr Pro Lys Ile Gln Val Tyr
72             20             25             30
74  Ser Arg His Pro Ala Glu Asn Gly Lys Ser Asn Phe Leu Asn Cys

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75          35          40          45
77 Tyr Val Ser Gly Phe His Pro Ser Asp Ile Glu Val Asp Leu Leu
78          50          55          60
80 Lys Asn Gly Glu Arg Ile Glu Lys Val Glu His Ser Asp Leu Ser
81          65          70          75
83 Phe Ser Lys Asp Trp Ser Phe Tyr Leu Leu Tyr Tyr Thr Glu Phe
84          80          85          90
86 Thr Pro Thr Glu Lys Asp Glu Tyr Ala Cys Arg Val Asn His Val
87          95          100          105
89 Thr Leu Ser Gln Pro Lys Ile Val Lys Trp Asp Arg Asp Met
90          110          115
92 <210> SEQ ID NO: 3
93 <211> LENGTH: 1440
94 <212> TYPE: DNA
95 <213> ORGANISM: Homo sapiens
97 <400> SEQUENCE: 3
98 cgggcgcaga agccctctct cggcgctctg gtcccggccg tgcccgcggt 50
100 gtcccgggag gaagggggcg gccggggggtc gggaggagtc acgtgcccc 100
102 tcccgcccca ggtcgctctc tcagcatggg ggtcccgcgg cctcagccct 150
104 gggcgctggg gctcctgctc tttctccttc ctgggagcct gggcgcagaa 200
106 agccacctct ccctcctgta ccaccttacc gcggtgtcct cgctgcccc 250
108 ggggactcct gccttctggg tgtccggtg gctgggcccg cagcagtacc 300
110 tgagctacaa tagcctgagg ggcgaggcgg agccctgtgg agcttgggtc 350
112 tgggaaaacc aggtgtcctg gtattgggag aaagagacca cagatctgag 400
114 gatcaaggag aagctctttc tggaagcttt caaagctttg gggggaaaag 450
116 gtccctacac tctgcagggc ctgctgggct gtgaactggg ccctgacaac 500
118 acctcggtgc ccaccgcaa gttcgccctg aacggcgagg agttcatgaa 550
120 ttctgacctc aagcagggca cctgggggtg ggactggccc gaggccctgg 600
122 ctatcagtca gcggtggcag cagcaggaca aggcggccaa caaggagctc 650
124 accttctctg tattctcctg cccgcaccgc ctgcccggagc acctggagag 700
126 gggccgcgga aacctggagt ggaaggagcc cccctccatg cgctgaagg 750
128 ccgacccag cagccctggc ttttccgtgc ttacctgcag cgcttctcc 800
130 ttctaccctc cggagctgca acttcggttc ctgcggaatg ggctggccgc 850
132 tggcaccggc caggggtgact tcggcccca cagtgcgga tccttccacg 900
134 cctcgctcgc actaacagtc aaaagtggcg atgagacca ctactgctgc 950
136 attgtgcagc acgcggggct ggcgcagccc ctacgggtgg agctggaatc 1000
138 tccagccaag tcctccgtgc tcgtgggtgg aatcgtcac ggtgtcttgc 1050
140 tactcacggc agcggctgta ggaggagctc tgttgtggag aaggatgagg 1100
142 agtgggctgc cagcccttg gatctccctt cgtggagacg acaccggggt 1150
144 cctcctgccc accccagggg aggccagga tgcgtgattg aaggatgtaa 1200
146 atgtgattcc agccaccgcc tgaccatccg ccattccgac tgctaaaagc 1250
148 gaatgtagtc aggcccttt catgctgtga gacctcctgg aacactggca 1300
150 tctctgagcc tccagaaggg gttctgggcc tagttgtcct ccctctggag 1350
152 ccccgctctg tgggtctgct cagtttcccc tcctaataca tatggctgtt 1400
154 ttccacctcg ataataaac acgagtttgg gcccgaataa 1440
156 <210> SEQ ID NO: 4
157 <211> LENGTH: 365
158 <212> TYPE: PRT
159 <213> ORGANISM: Homo sapiens

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161 <400> SEQUENCE: 4

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162 Met Gly Val Pro Arg Pro Gln Pro Trp Ala Leu Gly Leu Leu Leu
163   1           5           10           15
165 Phe Leu Leu Pro Gly Ser Leu Gly Ala Glu Ser His Leu Ser Leu
166           20           25           30
168 Leu Tyr His Leu Thr Ala Val Ser Ser Pro Ala Pro Gly Thr Pro
169           35           40           45
171 Ala Phe Trp Val Ser Gly Trp Leu Gly Pro Gln Gln Tyr Leu Ser
172           50           55           60
174 Tyr Asn Ser Leu Arg Gly Glu Ala Glu Pro Cys Gly Ala Trp Val
175           65           70           75
177 Trp Glu Asn Gln Val Ser Trp Tyr Trp Glu Lys Glu Thr Thr Asp
178           80           85           90
180 Leu Arg Ile Lys Glu Lys Leu Phe Leu Glu Ala Phe Lys Ala Leu
181           95          100          105
183 Gly Gly Lys Gly Pro Tyr Thr Leu Gln Gly Leu Leu Gly Cys Glu
184          110          115          120
186 Leu Gly Pro Asp Asn Thr Ser Val Pro Thr Ala Lys Phe Ala Leu
187          125          130          135
189 Asn Gly Glu Glu Phe Met Asn Phe Asp Leu Lys Gln Gly Thr Trp
190          140          145          150
192 Gly Gly Asp Trp Pro Glu Ala Leu Ala Ile Ser Gln Arg Trp Gln
193          155          160          165
195 Gln Gln Asp Lys Ala Ala Asn Lys Glu Leu Thr Phe Leu Leu Phe
196          170          175          180
198 Ser Cys Pro His Arg Leu Arg Glu His Leu Glu Arg Gly Arg Gly
199          185          190          195
201 Asn Leu Glu Trp Lys Glu Pro Pro Ser Met Arg Leu Lys Ala Arg
202          200          205          210
204 Pro Ser Ser Pro Gly Phe Ser Val Leu Thr Cys Ser Ala Phe Ser
205          215          220          225
207 Phe Tyr Pro Pro Glu Leu Gln Leu Arg Phe Leu Arg Asn Gly Leu
208          230          235          240
210 Ala Ala Gly Thr Gly Gln Gly Asp Phe Gly Pro Asn Ser Asp Gly
211          245          250          255
213 Ser Phe His Ala Ser Ser Ser Leu Thr Val Lys Ser Gly Asp Glu
214          260          265          270
216 His His Tyr Cys Cys Ile Val Gln His Ala Gly Leu Ala Gln Pro
217          275          280          285
219 Leu Arg Val Glu Leu Glu Ser Pro Ala Lys Ser Ser Val Leu Val
220          290          295          300
222 Val Gly Ile Val Ile Gly Val Leu Leu Leu Thr Ala Ala Ala Val
223          305          310          315
225 Gly Gly Ala Leu Leu Trp Arg Arg Met Arg Ser Gly Leu Pro Ala
226          320          325          330
228 Pro Trp Ile Ser Leu Arg Gly Asp Asp Thr Gly Val Leu Leu Pro
229          335          340          345
231 Thr Pro Gly Glu Ala Gln Asp Ala Asp Leu Lys Asp Val Asn Val
232          350          355          360

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234 Ile Pro Ala Thr Ala
235 365

VERIFICATION SUMMARY

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DATE: 01/25/2005

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Input Set : A:\P1943R1 PCT Sequence Listing.txt

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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date